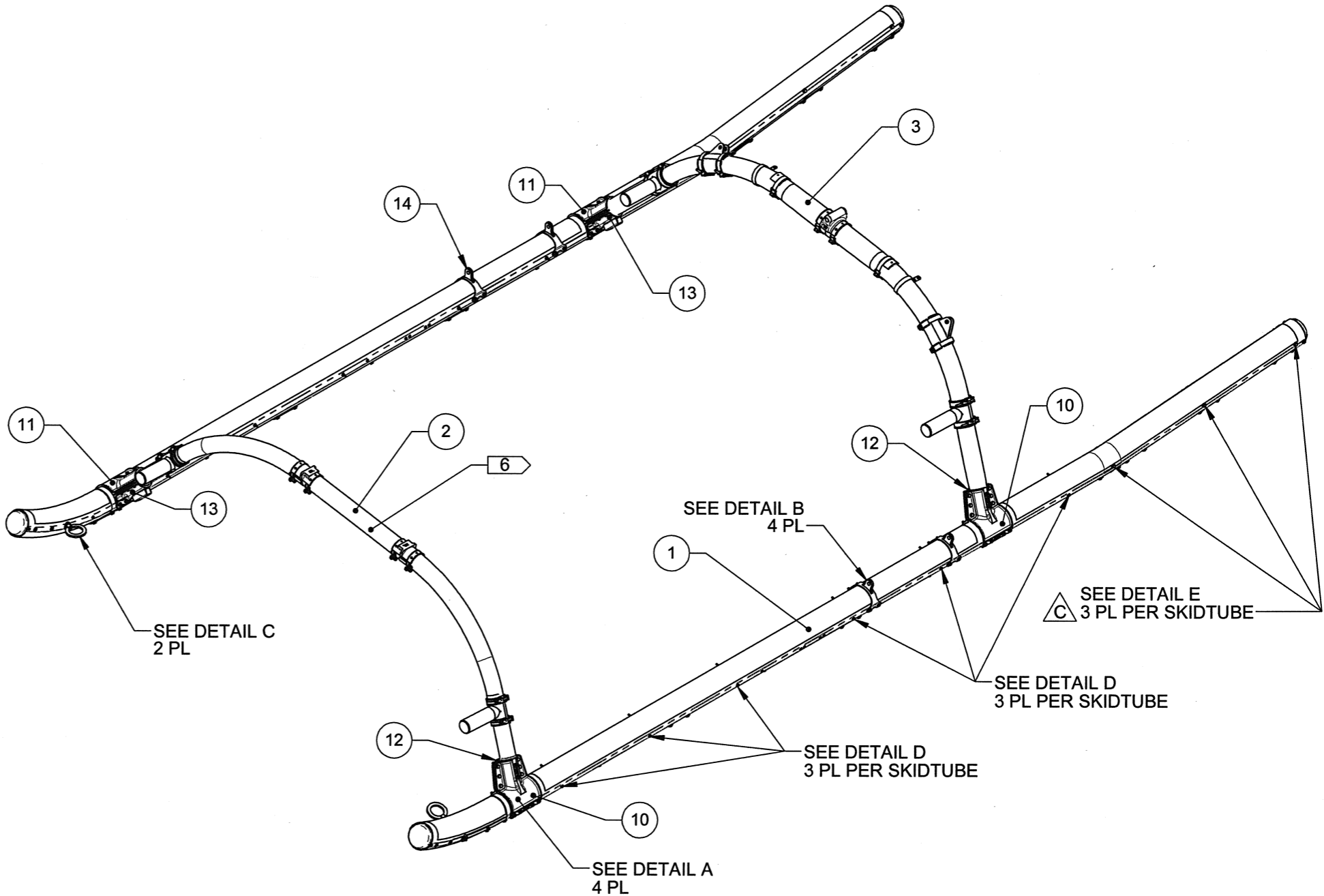


ITEM	QTY -031	P/N	DESCRIPTION
	X	D119-796-031	FLOAT GEAR WITH STD WEARPADS
1	2	D119-646-043	FLOAT SKIDTUBE WITH STD WEARPADS
2	1	D119-796-151	XTUBE ASSY (AW119 MKII FWD)
3	1	D119-796-251	XTUBE ASSY (AW119 MKII AFT)
4	48	D2652	BUSHING
5	2	D3407-041	TOW RING
6	4	D3417-5	WASHER
7	2	D3456-1	WASHER
8	48	D3672-3	PHENOLIC WASHER
9	40	D3672-7	PHENOLIC WASHER
10	2	D3883-1	SADDLE, OUTBOARD LH
11	2	D3883-2	SADDLE, OUTBOARD RH
12	2	D3884-1	SADDLE, INBOARD LH
13	2	D3884-2	SADDLE, INBOARD RH
14	4	D3886-041	LUG ASSEMBLY
15	4	D5449-1	FLOAT SADDLE WASHER
16	12	AN3C45A	BOLT
17	8	AN3C46A	BOLT
18	16	AN3C50A	BOLT
19	24	AN4C6A	BOLT
20	36	MS21043-3	NUT, SELF-LOCKING
21	26	MS21043-4	NUT, SELF-LOCKING
22	8	MS21043-5	NUT, SELF-LOCKING
23	8	MS21250-05048	BOLT
24	48	NAS1149C0332R	WASHER
25	48	NAS1149C0432R	WASHER
26	8	NAS1149C0532R	WASHER



D119-796-031 FLOAT GEAR WITH STD WEARPADS

NOTES:
1) MATERIAL: N/A
2) FINISH: NONE
3) TOLERANCES: N/A
4) UNITS: N/A
5) BREAK SHARP EDGES: N/A
6) IDENTIFICATION: INSTALL D2729-4 RED DECAL IN LOCATION SHOWN
7) WEIGHT: 135.5 LBS

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2019 MAY 07
ECN 19-703

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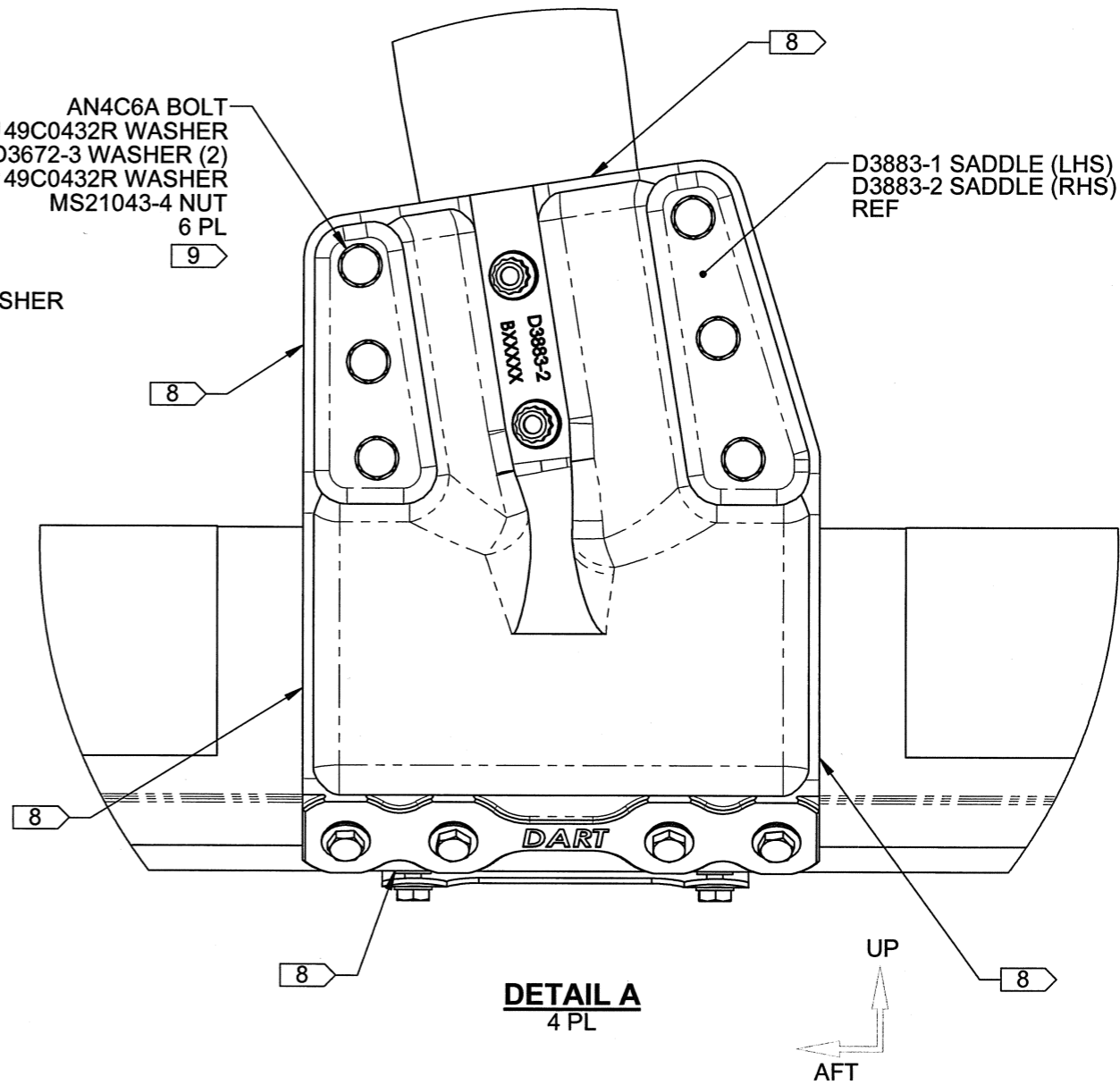
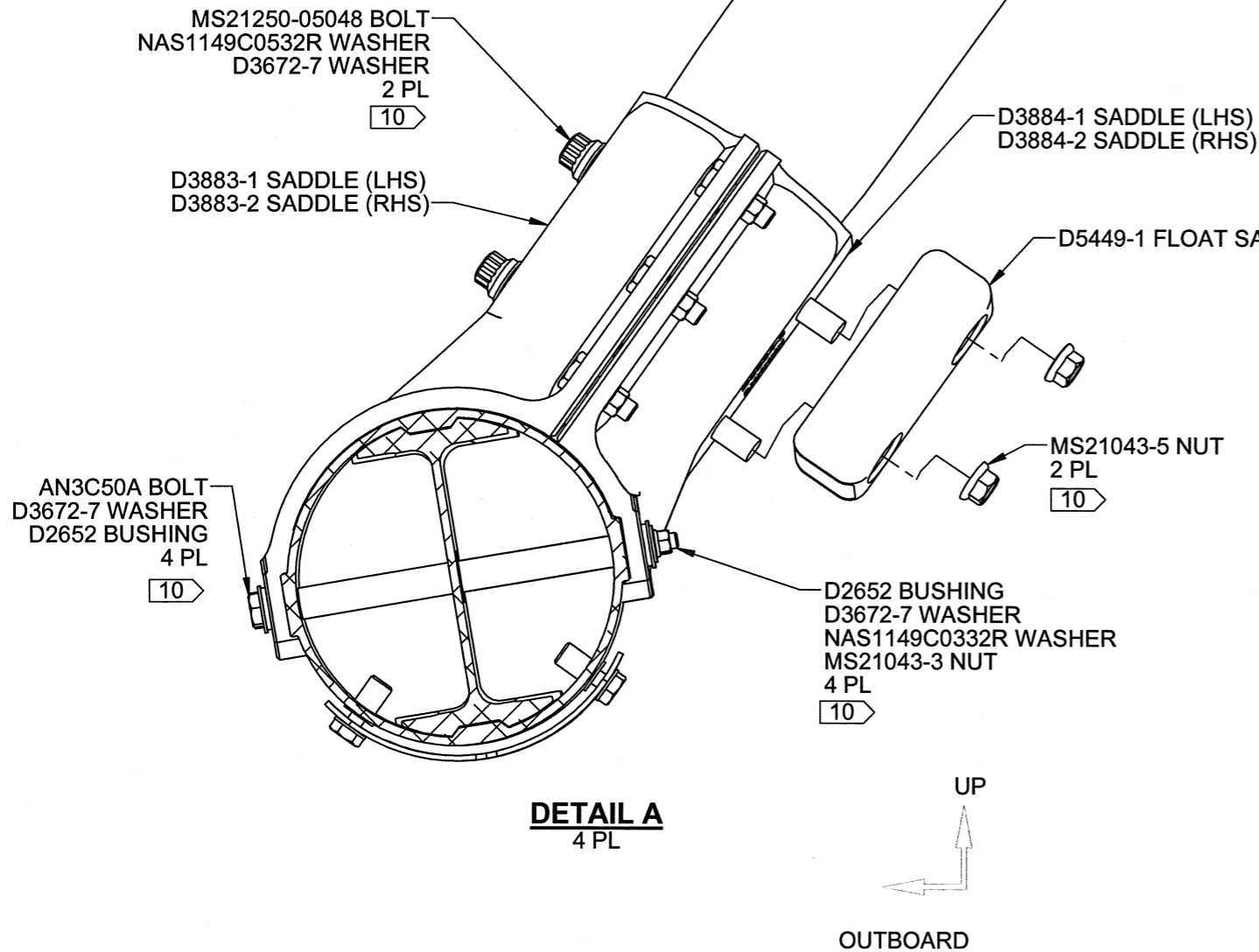
C	ADDED DETAIL E, PER CAR18-262	MW	18.07.17
B	ADDED D5449-1, REVISED D3672-7 TO QTY(40), NAS1149C0532R TO QTY(8), REF NCR17-6698	VS	17.12.06
A	NEW ISSUE	AP	15.04.01
REV.	DESCRIPTION	BY	DATE
DESIGN	AP	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	MW		
CHECKED	ZF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D119-796-031	SHEET 1 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	FLOAT GEAR WITH STD WEARPADS	NTS
DATE	18.07.17	COPYRIGHT © 2015 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	

D

C

B

A




NOTES:

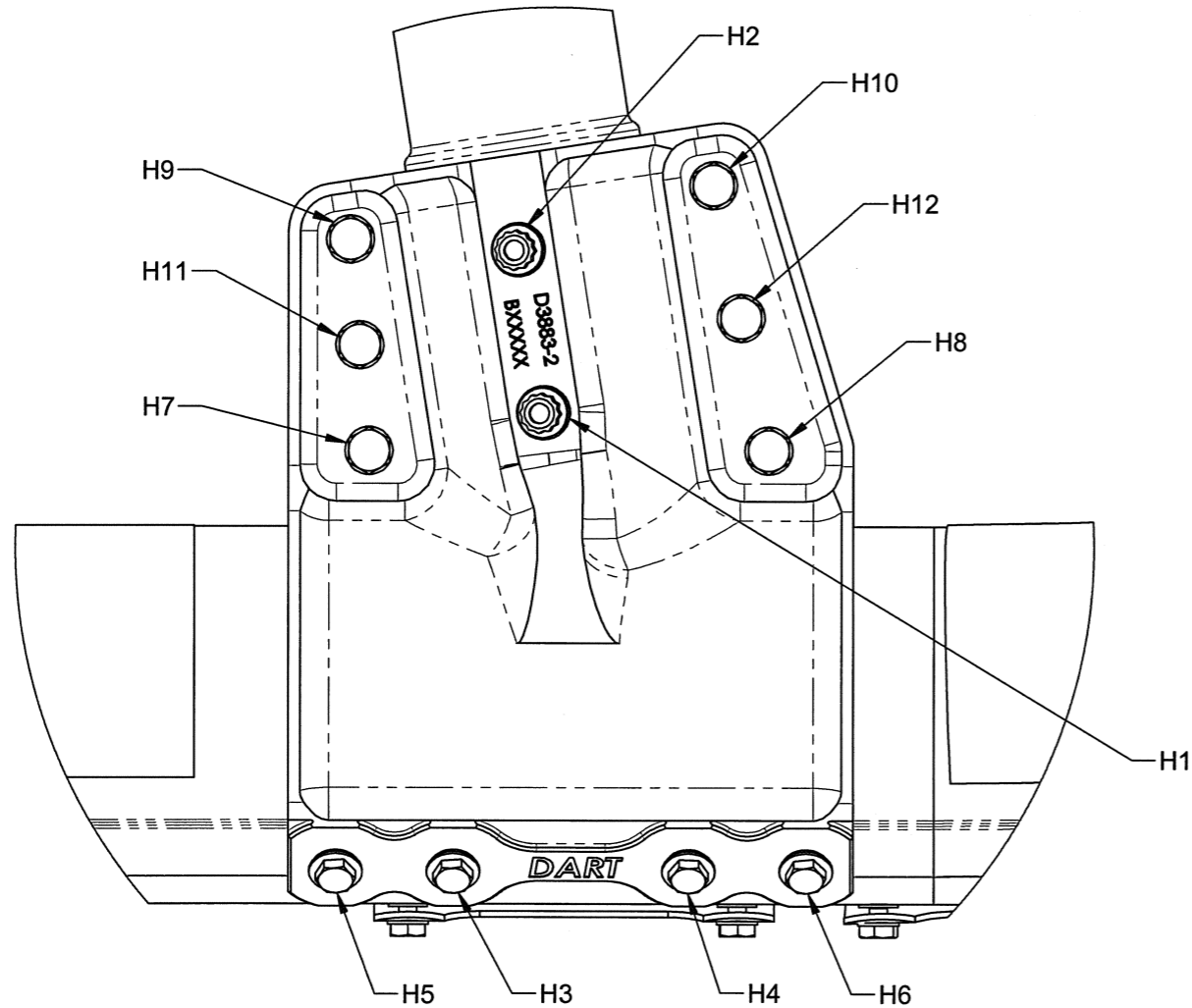
- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) APPLY A CONTINUOUS BEAD OF SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS B2 SEALANT IN THE LOCATIONS SHOWN INCLUDING THE FOLLOWING:
 - A) ALONG SADDLE/CROSSTUBE INTERFACE
 - B) BETWEEN THE SADDLE FLANGES
 - C) ALONG SADDLE/SKIDTUBE INTERFACE
- 9) LIGHTLY TIGHTEN ALL BOLTS IN THE NUMERICAL ORDER SPECIFIED ON SHEET 3, THEN TIGHTEN TO SPECIFIED TORQUE IN TABLE 1.
- 10) INSTALL WET WITH SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS B2 SEALANT
- 11) ALL NUTS TO BE INSTALLED ON THE INBOARD SIDE

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MFG. APPR.	JFS	D119-796-031	SHEET 2 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP 	FLOAT GEAR WITH STD WEARPADS	NTS
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DETAIL A - SUPPLEMENTAL VIEW - TORQUE SEQUENCE

TABLE 1: TORQUE SEQUENCE AND MAX TORQUE

TORQUE SEQUENCE	PART NUMBER	TORQUE
H1	MS21250-05048	66-85 IN-LBS (7.3 - 9.6 n-m)
H2	MS21250-05048	66-85 IN-LBS (7.3 - 9.6 n-m)
H3	AN3C50A	15-25 IN-LBS (1.7 - 9.6 N-m)
H4	AN3C50A	15-25 IN-LBS (1.7 - 9.6 N-m)
H5	AN3C50A	15-25 IN-LBS (1.7 - 9.6 N-m)
H6	AN3C50A	15-25 IN-LBS (1.7 - 9.6 N-m)
H7	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H8	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H9	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H10	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H11	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)
H12	AN4C6A	50-70 IN-LBS (5.7 - 7.9 N-m)

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MFG. APPR.	JFS	D119-796-031	SHEET 3 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	Float Gear with STD Wearpads	NTS
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D

D3407-041 TOW RING
D3417-5 WASHER

9

INBOARD

C

B

DETAIL C
2 PL

D3417-5 WASHER
D3456-1 WASHER
MS21043-4 NUT

8 9 11

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: NONE
- 3) TOLERANCES: N/A
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: N/A
- 7) WEIGHT: N/A
- 8) INSTALL WET WITH SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS B2 SEALANT
- 9) APPLY FAY SEAL AND FILLET SEAL USING SIKAFLEX -241/-291 OR PROSEAL 890 OR MIL-S-8802 CLASS B2 SEALANT
- 10) TORQUE AN3 HARDWARE TO 20-25 IN-LBS
- 11) TORQUE AN4 HARDWARE TO 50-70 IN-LBS

A

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MFG. APPR.	JFS	D119-796-031	SHEET 4 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	FLOAT GEAR WITH STD WEARPADS	NTS
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D

C

B

A

D3886-041 LUG ASSEMBLY

9

D2652 BUSHING
NAS1149C0332R WASHER
MS21043-3 NUT
2 PL

8 9 10

INBOARD

D2652 BUSHING
AN3C46A BOLT
2 PL

8 9 10

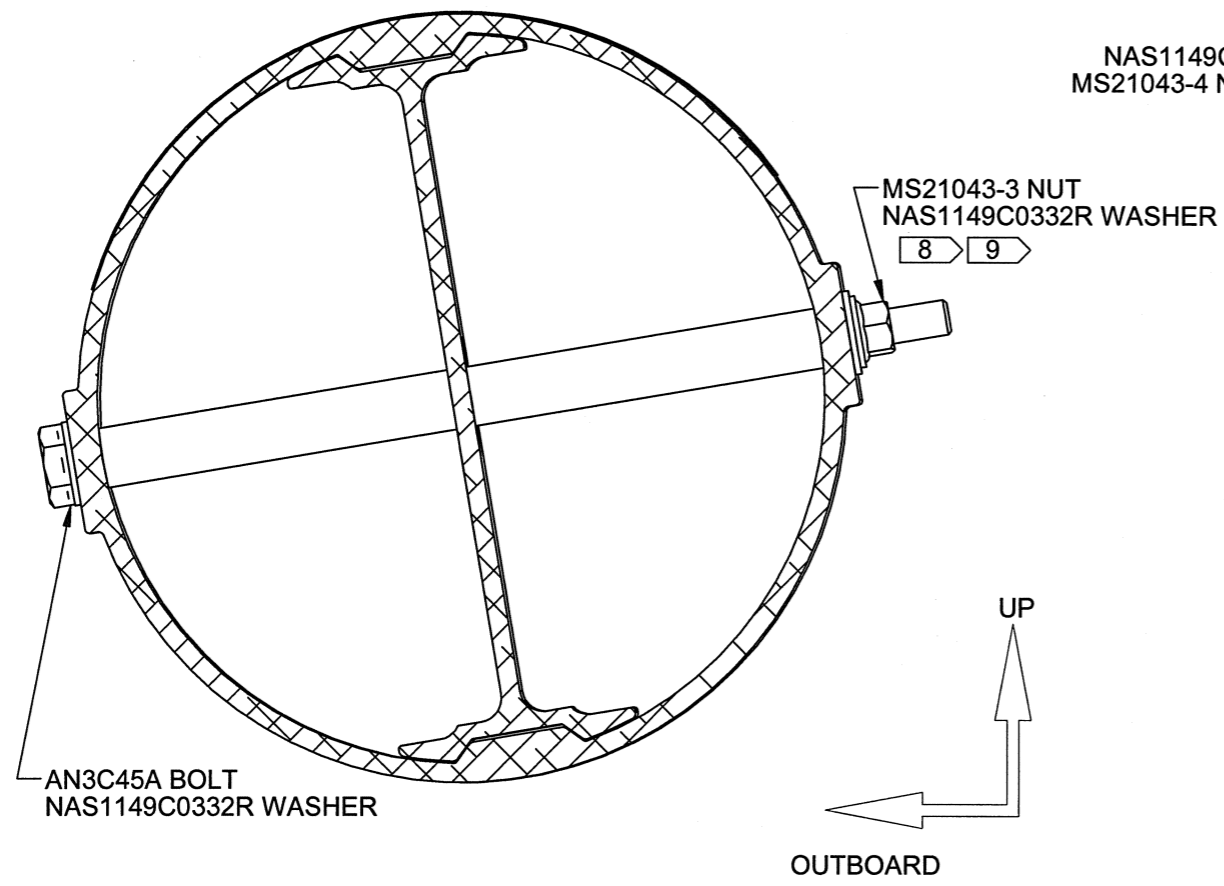
DETAIL B
4 PL

D

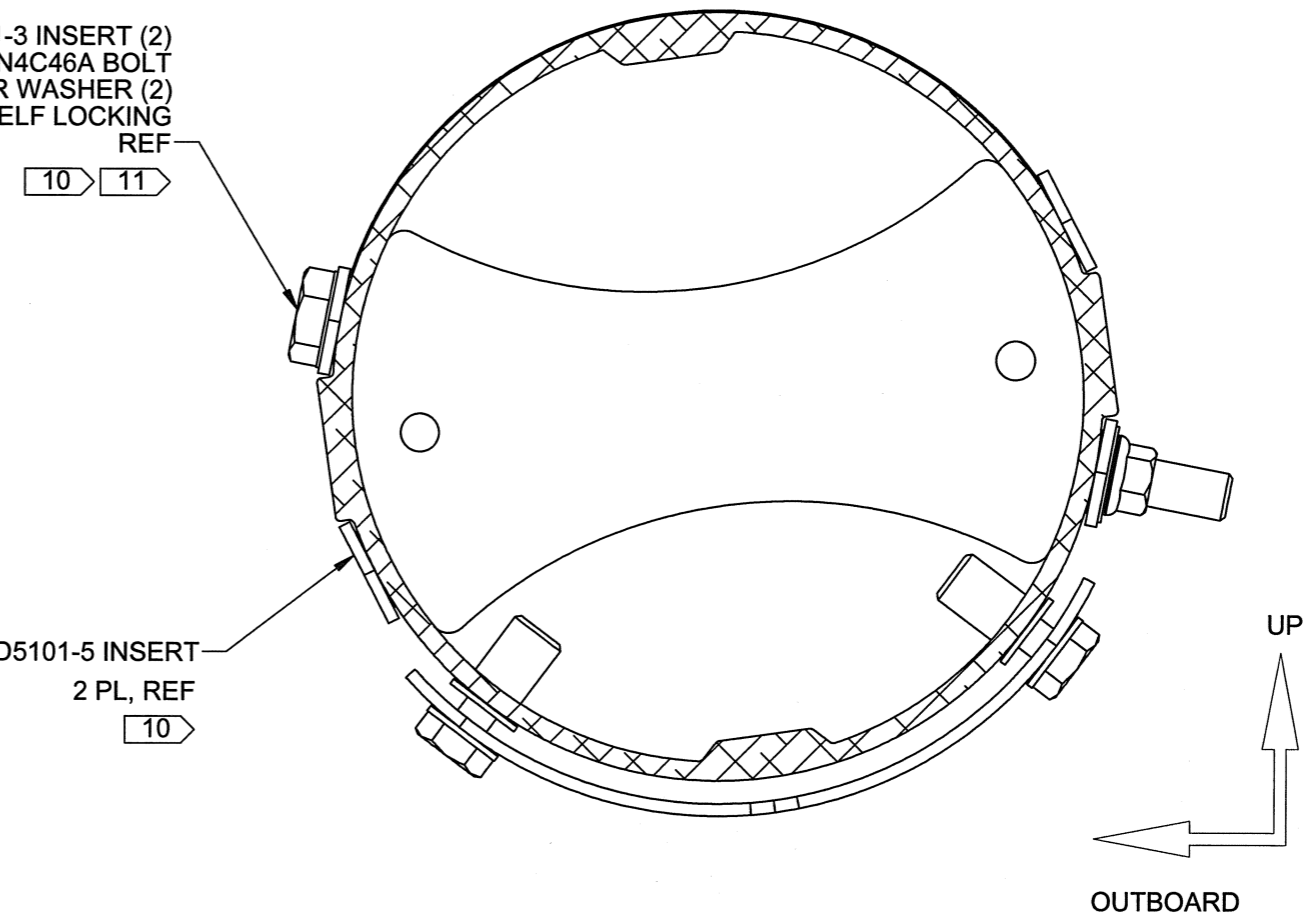
C

B

A



DETAIL D
6 PL PER SKIDTUBE



DETAIL E
3 PL PER SKIDTUBE

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: NONE
 - 3) TOLERANCES: N/A
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: N/A
 - 6) IDENTIFICATION: N/A
 - 7) WEIGHT: N/A
 - 8) LOOSELY INSTALL FASTENERS, DO NOT TORQUE
 - 9) INSTALL MS21043-3 NUT ON INBOARD SIDE OF SKIDTUBE
 - 10) PARTS INCLUDED IN D119-646-043, REORIENT AS SHOWN IF REQUIRED
 - 11) INSTALL MS21043-4 NUT ON INBOARD SIDE OF SKIDTUBE AS SHOWN



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2019 MAY 07 *up*

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CHECKED	ZF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D119-796-031	SHEET 5 OF 5
APPROVED	NO	TITLE	SCALE
DE APPR.	CP <i>up</i>	FLOAT GEAR WITH STD WEARPADS	NTS
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